

**FORM PTO 1449**  
(REV 2-32)

**U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICE**

File No. 02-21

Serial No.  
10/680,673

**INFORMATION DISCLOSURE STATEMENT BY APPLICANT**

(Use several sheets if necessary)

Applicant(s):  
Jeff L. Ellsworth

Filing Date:  
October 7, 2003

Group: 1615

**U.S. PATENT DOCUMENTS**

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	A1	2003/0022170	01/30/03	Khodadoust			
	A2	7,135,459	11/14/06	Deisher et al.	514	12	
	A3	6,518,236	02/11/03	Deisher et al.	514	2	
	A4	6,352,971	03/05/02	Deisher et al.	514	2	
	A5	6,200,606	03/13/01	Peterson et al.	424	574	
	A6	6,171,340	01/09/01	McDowell	623	18.11	
	A7	6,013,477	01/2000	Greene et al.			
	A8	5,989,866	11/23/99	Deisher et al.	435	69.4	
	A9	5,919,702	07/06/99	Purchio et al.	435	378	
	A10	5,604,293	02/1997	Fiddes et al.			
	A11	5,514,566	05/1996	Fiddes et al.			
	A12	5,439,818	08/1995	Fiddes et al.			
	A13	7,009,039	03/2006	Yayon et al.			
	A14	6,054,122	04/2000	MacPhee et al.			

**FOREIGN PATENT DOCUMENTS**

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	A15	99/46381	09/16/99	WIPO			
	A16	99/27100	06/03/99	WIPO			
	A17	00/05369	02/03/00	WIPO			
	A18	00/56890	09/28/00	WIPO			
	A19	00/67775	11/16/00	WIPO			
	A20	11332570	12/07/99	JP			

**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Patents, etc.)**

	A21		Ohbayashi et al., <i>J. Biol. Chem.</i> 273(29):18161-18164, 1998.
	A22		Hu et al., <i>Mol. Cell. Biol.</i> 18(10):6063-6074, 1998.
	A23		Ayala et al., <i>Modern Genetics</i> , Benjamin/Cummings Pub. Co., CA, pp. 44, 46 and Glossary, 1984.
	A24		Long et al., <i>Cell Regulation</i> 2:1081-1095, 1991.
	A25		Lifeseq.TM. Clone Information Results Incyte Pharmaceuticals Inc., 1995.
	A26		Goldfarb, <i>Cell Growth and Differentiation</i> 1:439-445, 1990.
	A27		Crossley et al., <i>Cell</i> 84:127-136, 1996.

Examiner

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EXAMINER: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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	A28		Ngo et al., The Protein Folding Problem and Tertiary Structure, Birkhauser, Boston, pp. 491-495, 1994.
	A29		Wells, "Additivity of Mutational Effects in Proteins," <i>Biochemistry</i> 29(37):8509-8517, 1990.
	A30		Bowie et al., "Deciphering the Message in Protein Sequences: Tolerance to Amino Acid Substitutions," <i>Science</i> 247:1306-1310, 1990.
	A31		Mikayama, T., "Molecular cloning and functional expression of a cDNA encoding glycosylation-inhibiting factor," <i>Proc. Natl. Acad. Sci. USA</i> 90:10056-10060, 1993.
	A32		Voet et al., <i>Biochemistry</i> 1990, John Wiley & Sons, Inc. pp. 126-128 and 228-234, 1990.
	A33		Doerks et al., "Protein annotation: detective work for function prediction," <i>Trends in Genetics</i> , 14(6):248-250, 1998.
	A34		Mickle et al., <i>Med Clin North Am</i> 84(3):597-607, 2000.
	A35		Yan et al., <i>Science</i> 290:523-527, 2000.

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A36		Robson et al., Introduction to Proteins and Protein Engineering. New York, Elsevier, pp. 41, 1986.
A37		Liu et al., <i>Genes &amp; Development</i> 16:859-869, 2002.
A38		Ohbayashi et al., <i>Genes &amp; Development</i> 16:870-879, 2002.
A39		Whitmore et al., <i>Cytogenet Cell Genet</i> 90:231-233, 2000.
A40		Shimoaka et al., "Fibroblast Growth Factor (FGF)-18 is a Potent Regulator of Osteoblasts, Osteoclasts, and Chondrocytes: In Vitro Comparison Study with FGF-2 and FGF-10," ASBMR 22 <sup>nd</sup> Annual Meeting Vol 15, Suppl 1, SA132, 2000.
A41		Solursh, "Formation of Cartilage Tissue In Vitro," <i>J. Cell Biochem</i> 45:258-260, 1991.
A42		Ellsworth et al., <i>Osteoarthritis and Cartilage</i> 10:308-320, 2002.
A43		Kikuchi et al., <i>Osteoarthritis and Cartilage</i> 4:99-110, 1996.

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